



POWER TOOLS™

Built with You in Mind™

USER'S MANUAL

Model iQ 2000 Series Dust Collector
with manual shaker



WARNING

Read all the following safety and operating instructions prior to using this unit. Not observing this information can result in electrical shock, serious physical injury or damage to equipment. **Personal Protective Equipment (Respirator, Safety Glasses, Ear Plugs etc.) Should Be worn at all time when Operating or Servicing The Dust Collection Vacuum and Related Equipment**

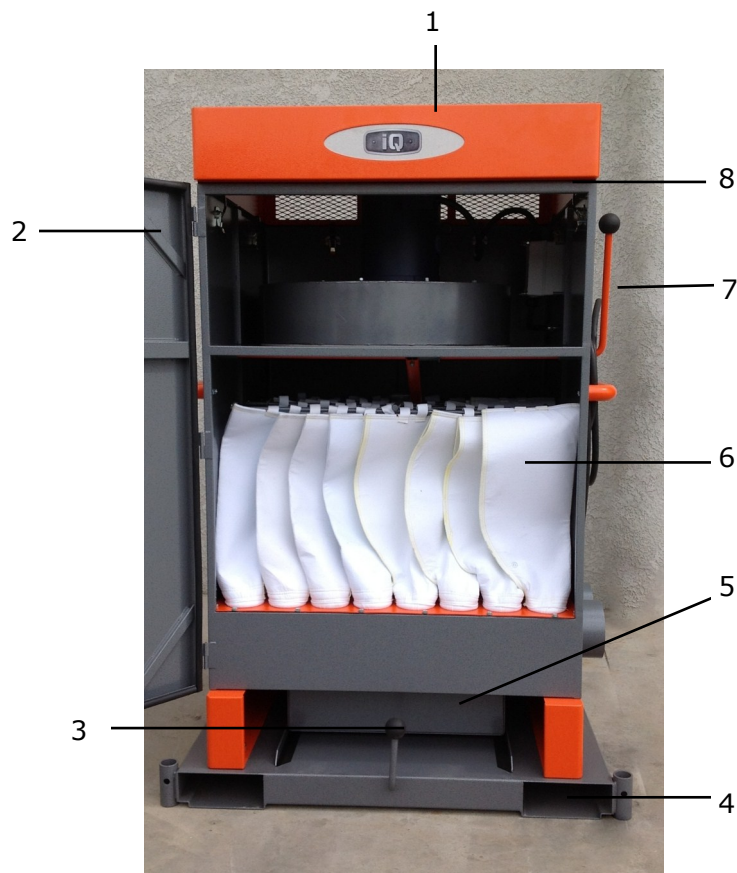
***For Gas powered units refer to Honda Operators Manual for motor servicing and operation.**

Specifications

Model #	iQ-2003 S	iQ-2007 T	iQ-2013 G
Input Voltage (VAC)	220 Single Phase	480 Three Phase	Gas Powered Honda GXV160
Power Consumption	3 HP	7.5 HP	13 HP
Amperage (A)	15	7	N/A
Power Cable Length	10 Ft.	10 Ft.	N/A
Fan Wheel Diameter x Width	13½" x 2½"	13½" x 5"	13½" x 5"
Weight (LB)	400	430	400
Max Air Flow (CFM)	1700	4000	4000
Max Static Pressure (INCH H ² O)	8	8	8
Filter Area (SQ FT)	144, Polyester	144, Polyester	144, Polyester
Noise Level (dB A)	83	85	83
Hose Inlet Diameter (INCH)	1(4") 2(6")	1(4") 2(6")	1(4") 2(6")
Size W x L x H	35" x 35" x 64"	35" x 35" x 64"	35" x 35" x 64"
Dust Capacity (Cubic Ft.)	1.5	1.5	1.5

***For Gas powered units refer to Honda Operators Manual for motor servicing and operation.**

PARTS LIST—Model iQ-2000



ITEM NO	IQ-2000 PART #	DESCRIPTION
1	IQ2-P001	Enclosure Top
2	IQ2-P002	Main Door
3	IQ2-P003	Dust Tray
4	IQ2-P004	Fork Tube Base
5	IQ2-P005	Dust Tray Gasket
6	IQ2-P006	Filter Element Assembly
7	IQ2-P007	Manual Shaking Handle
8	IQ2-P008	Main Door Gasket
9	IQ2-P009	Door Knob
10	IQ2-P010	Grab Bar
13	IQ2-P013	Auxiliary Cap

PARTS LIST— iQ MOTOR OPTIONS

iQ 2003S

IQ—2003S PART #	DESCRIPTIONS
IQ3S—P002	Fan 13 1/2 X 2 1/2 CW
IQ3S—P003	Fan Housing with Motor Plate
IQ3S—P004	Manual Motor Starter with Adjustable Overload Relay
IQ3S—P005	3 Wire Power Supply

iQ 2013G*

IQ—2013G PART #	DESCRIPTIONS
IQ13G—P001	13 HP Gas Honda GXV390 Motor
IQ13G—P002	Throttle Control
IQ13G—P003	Off/On Switch
IQ13G—P004	Fuel Line
IQ13G—P007	12V Battery
IQ13G—P008	Throttle Mount Plate
IQ13G—P009	Fuel Tank
IQ13G—P010	Fan 13 1/2 X 5 CW
IQ13G—P011	Fan Housing with Motor Plate
IQ13G—P012	Motor Push Start Button
IQ13G—P013	Battery Cable

***For Gas powered units refer to Honda Operators Manual for parts information, motor servicing and operation.**

iQ 2007T

IQ—2007T PART #	DESCRIPTIONS
IQ7T—P001	7.5 HP 460V/Three Phase Motor
IQ7T—P002	Fan 13 1/2 X 5" CW
IQ7T—P003	Fan Housing with Motor Plate
IQ7T—P004	Manual Motor Starter with Adjustable Overload Relay
IQ7T—P005	4 Wire Power Supply

IMPORTANT PRECAUTIONS

It is the owner's responsibility, to inform all users regarding the operating and safety precautions of this unit.

1. Be sure that the unit is **disconnected** from the power source prior to any service, cleaning or maintenance.
2. **Grounding**– Unit must be grounded. Verify that the green wire in the power cable is properly connected to a secure earth ground.
3. **Power Hook-up**– The unit is designed to be operated from either a single phase or three phase power source, depending on the model. When an extension cord is needed, the extension cord must be of the same or larger gauge to prevent loss of power or overheating of the cable.
4. **Overload Circuit Breaker**– Make sure that the overload circuit breaker is set to proper amperage, which maybe 15A or 7A, depending on the model.
5. **Static Shock**– Static shock is common in areas with relatively low humidity and is not an indicator that the unit is performing improperly.
6. **Dry Pick-up**– Do not vacuum toxic, combustible, or other hazardous materials such as: asbestos, arsenic, barium, beryllium, lead, or pesticides. Do not vacuum welding fumes, burning cigarettes, ashes, matches or other similar materials.
7. **Never** operate the unit in the presence of flammable vapors, aerosol products or near the spraying of flammable liquids, i.e. paints and oils.
8. **Do not** operate the unit without the filter tubes in place.
9. **Lock** option casters in place when unit is in operation or storage.
10. Dust bucket release handle must be in **upright position** prior to operation of the unit.
11. **Never** leave the unit unattended while it is powered on.
12. **Do not** put hair, clothing or body parts in front of the unit's hoses or suction inlets while the unit is powered "on".
13. Transport, operate and store the unit on **level surfaces** to ensure the unit will remain stationary.

OPERATING INSTRUCTIONS

1. **Power Hook-up**– Electrical power hook-up must be performed by a licensed electrician in accordance with the applicable electrical codes. Confirm that motor rotation is in the direction of the arrow inscribed on the unit.
2. **Inlet Hose/Duct Installation**– Attach the proper diameter hose to the corresponding suction inlets using conventional hose clamps. Auxiliary inlet must be covered with cap when not in use to ensure proper suction. Hoses and clamps should be checked regularly for adjustments and signs of wear.



OPERATING INSTRUCTIONS

3. **Operating of Casters (Optional)** – *To lock casters*– Pull caster hand lever in up-right position, perform this function for each caster. This will ensure unit will remain stationary while in use or being stored.

To unlock casters– push caster hand lever in downward position. Each caster must be unlocked in order to relocate the unit.

Removing casters– First, lock all casters. Lift unit with forklift (please refer to Item 4) to an adequate height. Provide support beneath the caster and remove retaining pin in from shaft. Slide each caster out of it's shaft. Place each retaining pin around the corresponding wheel stow and slide each caster into the wheel stow housing.

Installing casters– Unit must be secured to a forklift (please refer to Item 4). Remove each caster and retaining pin from the wheel stow housing; slide each caster into it's shaft and secure with a retaining pin. Lock each caster prior to lowering unit from forklift, to ensure that unit will remain stationary on surface.



4. **Prepare for Transport**– Moving and lifting unit by forklift– Verify that the unit is not plugged into power source, main door and dust bucket must be secure and casters locked. Align forklift with fork tubes on the base of the unit, precede forward until fork is securely inserted in tubes. Lift unit to an adequate height in order to remove casters. Unit can now moved to the desired location. If unit is being transported, tie down unit securely to a fixed position.

5. **Power On**– The on/off switch is located on the side panel of the unit. If the unit does not power on, or shuts down after prolonged use in high temperature environments, the thermal overload protection circuit may have become activated. If so, please wait 10 minutes before powering on again.

6. **Shaking Operation**– This unit is equipped with a shaking mechanism to clear the filter element of dust for optimum suction. Before and during use, (30-60 min. as needed) periodically power off the unit, the manual shaking handle should be moved vigorously up and down ten times, power on unit.



OPERATING INSTRUCTIONS

7. **Emptying the Dust Drawer**– The dust drawer must be **emptied of debris** on a regular basis. **First**, turn unit “off” and unplug from power source or lock out. Rotate the dust drawer release lever clockwise one-quarter turn, lower and release. Gently slide the drawer forward and remove the plastic liner (if applicable) and replace with a new plastic liner. Reverse these steps for reinstallation. **Verify** that the drawer is properly positioned on reinstallation and the gasket has formed an adequate seal. Failure to do this may cause a vacuum leak and gasket damage.



MAINTENANCE

1. **Changing Filters**– Filter tubes are designed to provide a long service life. However, depending upon usage and the kind of materials vacuumed, filters may need replacement every one to three years. Replace filter tubes as follows:
 - a. Unplug unit from power source.
 - b. Vigorously move the manual shaking handle up and down ten times.
 - c. Open main door by turning the two door knobs counterclockwise.
 - d. Inside the main enclosure, locate and remove the hitch pin clip (the hitch pin clip attaches the arm of the manual shaking handle to the filter hanger assembly).
 - e. Pull the manual shaking handle outward to release the filter hanger assembly.
 - f. Remove all filter tubes from the metal filter housing plate by firmly squeezing and pulling in an upward motion the cuff ring (the cuff ring is located at the lower end of each filter tube) of each filter tube. Use care during this operation in order to reduce any airborne dust that may be released.
 - g. When all filter tubes have been released from the metal filter housing plate, pull the entire filter hanger assembly forward.
 - h. Remove and set aside all hitch pin clips from the filter hanger assembly.
 - i. Slide all filter tubes off the filter hanger assembly and properly dispose of all used filter tubes
 - j. Replace with new filter tubes.
 - k. Reassemble by reversing these steps.
2. **Lubrication**– No lubrication is necessary. However, certain parts of the vacuum assembly are subject to wear and should be replaced as necessary, depending upon operating conditions.



Caution: During reassembly verify that the cuff ring for each filter tube is snugly positioned in the metal filter housing plate. **Do not** use the unit, if the cuff rings are not snugly positioned in the metal filter housing plate.

LIMITED WARRANTY

IQ Power Tools warrants this equipment to the original owner against defective materials or workmanship for a period of one year from the date of purchase. **IQ Power Tools'** responsibility under this warranty is limited to the repair or replacement of defective parts and reserves the right to determine whether the failure is due to defective material, workmanship or other causes. Failures caused by alteration or misuse are not covered by the warranty.

All warranty repairs must be done by **IQ Power Tools** or an authorized service representative. Any repair to the equipment other than by these authorized facilities voids this warranty. These rights under this warranty are limited to the original owner and may not be transferred to subsequent owners.



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**P.O. Box 7449
Moreno Valley, CA 92552
Tel: 888-274-7744
www.iqpowertools.com**